

Fig. 1



Profile directory

102
3

Profile #	destination	address field	encryption field	Password
1	Bob	bob@aol.com	Public key Bob	ABCD
2	Alice	158.56.11.2	sym key Alice	1234
.
.
.
n	George	g@aol.com		

Fig. 2



-----BEGIN PGP PUBLIC KEY BLOCK-----

Version: PGP for Personal Privacy 5.0

mQGIBDchYBURBADA/mpuB0+k82TRm2MR0wnuNLBcVoUEWwOx/8wu0GZNWeFwhBkf
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IVXVGJJsn5wG5E2ptaVjh6AGjfq+WSAHqip5IkyhPIkXGRnw/exh56LW9QyHXWW
TYJDoP9aoa+93B3beLKDWNCLxq/6JECy8MGZjNTTQ+yJZrubaLatFnQO5+JDd0QQ
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=mBAJ

-----END PGP PUBLIC KEY BLOCK-----

Fig. 3



Setup:

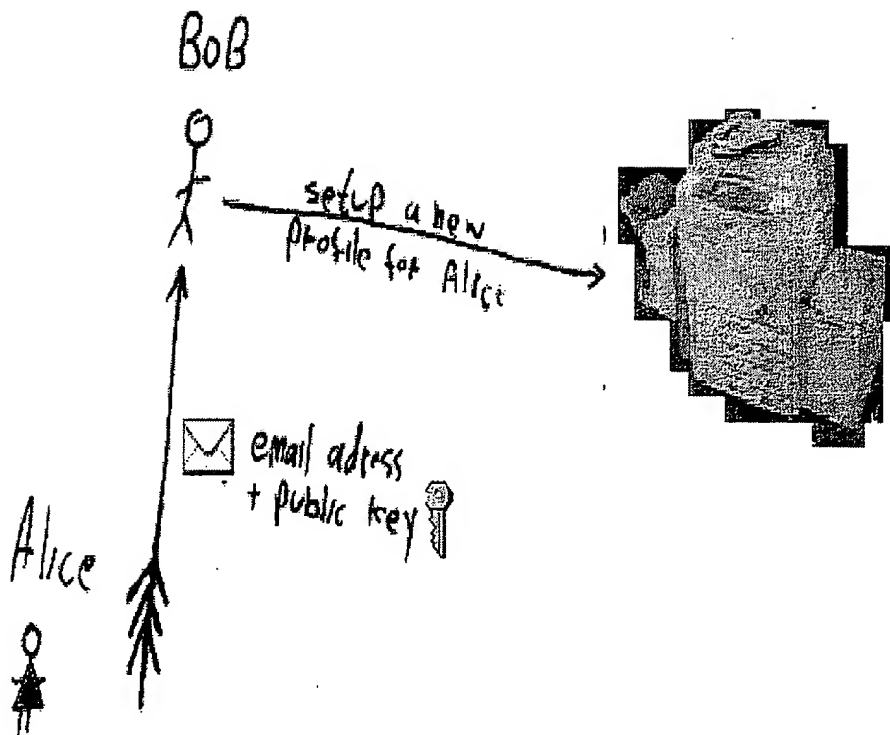


Fig. 4a



Bob sends an encrypted Message to Alice

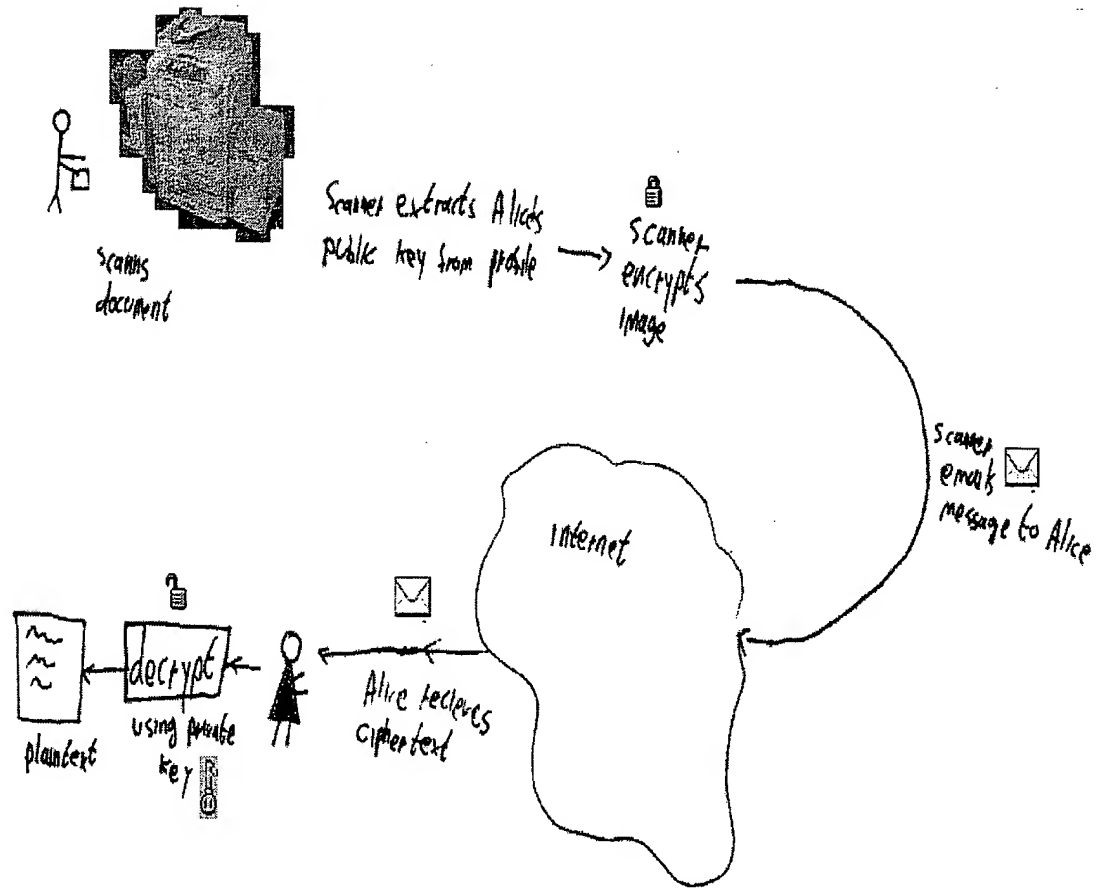


Fig. 4b

Fig. 5

